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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/307,195	05/07/1999	WILLIAM COHN	BIH97-04A2	4520

207 7590 03/24/2005

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BOSTON, MA 02109

EXAMINER

SMITH, JEFFREY A

ART UNIT	PAPER NUMBER
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3625

DATE MAILED: 03/24/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/307,195

Applicant(s)

COHN, WILLIAM

Examiner

Jeffrey A. Smith

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 29 December 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-50 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 18-24 and 37-40 is/are allowed.
- 6) ☒ Claim(s) 1-14, 16, 17, 25-36 and 41-50 is/are rejected.
- 7) ☒ Claim(s) 15 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 07 May 1999 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Amendment

The response deposited 29 December 2004 to the Office Action mailed 29 June 2004 has been entered.

Claims 1, 25, 30, 41, and 45 have been amended by such response. Claims 1-50 remain pending and an action on the merits of such claims follows.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-3, 5-10, 12-14, 16, 25-27, 29-34, 36, 41, 42, and 44-49 are rejected under 35 U.S.C. 102(e) as being anticipated by Benetti et al. (U.S. Patent No. 5,894,843).

Benetti et al. discloses (Fig. 7) a surgical device (60) comprising a retaining element/base (62) having an aperture

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(61); a flexible cord connector ("suture line": col. 12, line 27); a plurality of holders (70); a handle (69); and a tab (63).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 4, 11, 17, 28, 35, 43, and 50 are rejected under 35 U.S.C. 103(a) as being unpatentable over Benetti et al. (U.S. Patent No. 5,894,843).

Although Benetti et al. does not disclose irrigation or suction, it would have been obvious to one of ordinary skill in the art to have provided the device reported above to have included such structure because the use of irrigation and suction are well-known for use during surgeries of the type disclosed by Benetti et al.

Allowable Subject Matter

Claim 15 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claims 18-24, and 37-40 are allowed.

Response to Arguments

Applicant's arguments deposited 29 December 2004 have been fully considered but they are not persuasive.

Applicant remarks that "there are structural limitations set forth in the rejected claims that distinguish over the teachings of Benetti". Additionally, Applicant argues that "Benetti fails to teach or suggest the structural relationship between the cord and the holder that positions the cord relative to the retaining element".

The Examiner has relied upon the entirety of the single Benetti et al. disclosure in anticipation of Applicant's claims because the disclosure reasonably teaches the full capability of the ports 70 as for receiving a suture line for administering the requisite stabilization of the operative site (e.g. cardiac

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tissue (col. 11, line 67-col. 12, line 4)) and for depressing the tissue adjacent the target artery (col. 11, lines 27-30).

Applicant remarks that "the prior art structure is not reasonably capable of performing any function to the extent such a function (e.g. the 'coronary bypass procedure' of claim 1) is recited in the claims".

The Examiner maintains that the device (or retractor) disclosed by Benetti is reasonably capable of performing the recited functions. In weighing the language of the apparatus claims, the Examiner has adhered to the guidance provided by the Courts in *In re Casey*, 152 USPQ 235 (CCPA 1967) and *In re Otto*, 136 USPQ 458, 459 (CCPA 1963).

Benetti et al. '843 is replete with reference to devices (or retractors) comprising a holder on a retaining element (or base) that holds a connector (i.e. a suture line) that positions the connector to compress the cardiac tissue of the operative site against a retaining element surface. Although Benetti et al. does not expound upon port 70 in their description of the embodiment of Fig. 7, they do refer to such port's utility (i.e. "for receiving a suture line" (col. 12, lines 26-27)). Benetti et al. details the full utility of such suture line receiving port in reference to previous embodiments (see col. 10, lines

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57-62; col. 11, lines 19-30; col. 11, line 60-col. 12, line 4).

Benetti et al. further teaches that "[i]n some embodiments, as described herein, the contact members 1 may have apertures, openings or attachments to facilitate connection with sutures or other devices to achieve the requisite stabilization" (col. 7, lines 20-24).

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

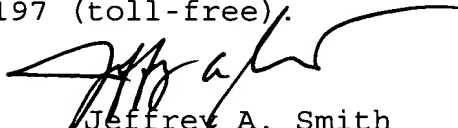
A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeffrey A. Smith whose telephone number is 703-308-3588. The examiner can normally be reached on M-F 6:30am-6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wynn Coggins can be reached on 703-308-1344. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Jeffrey A. Smith
Primary Examiner
Art Unit 3625

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